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UNITED STATES DEPARTMENT OF AGRICULTURE

BUREAU OF MARKETS

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GRAIN DRIERS IN THE UNITED STATES

The following table gives the results of a survey made by the Bureau of Markets of the United States Department of Agriculture, in order to ascertain the number and capacity of grain driers in the United States. The list includes the names of all elevators equipped with driers on March 1, 1918, as far as it has been possible to obtain them. Since new driers are constantly being built and the old ones enlarged, the number and capacity are continually increasing. It is also possible that there were some driers in the United States on March 1 of which no record was obtained.

The capacity, or number of bushels each drier can handle per 24 hours, is based upon the time required to reduce the moisture content of corn of average quality from 5 or 6 per cent, and it should be remembered in considering these figures that the capacity will vary according to the amount of moisture removed and the quality of the grain.

The names of railroads upon which driers are located are also given except in the case of driers situated at the terminal markets, since in practically all cases there are switching connections between all lines reaching these latter points, and grain located on any line can be moved to driers on other lines with little or no additional expense.

Known elevators equipped with driers on March 1, 1918.

State.	Town.	Firm.	Capacity per 24 hours (bushels).	Railroad. <sup>1</sup>
Arkansas.....	Little Rock.....	Iron Mountain elevator.....	8,000	
Colorado.....	Denver.....	Ady & Crowe Milling Co.....	2,000	
Illinois.....	Bradley.....	Rissen Rollins Co.....	48,000	I. C.; N. Y. C.
	Buckley.....	Wm. Kauffman Co.....	1,200	I. C.
	Bushwell.....	Nagel Bros.....	2,000	C., B. & Q.
	Cairo.....	Cairo Milling Co.....	48,000	I. C.
	Champaign.....	Cleveland Grain Co.....	19,200	C., C., C. & St. L.
	Chicago.....	Armour Grain Co.: Steamer Helena.....	50,000	
		Santa Fe elevator.....	24,000	
		North Western Terminal.....	216,000	
		J. Rosenbaum Grain Co., Irondale elevator.....	48,000	
		F. J. Delaney, Cragin elevator.....	36,000	
		Hales & Edwards Co., Hales ele- vator.....	36,000	

<sup>1</sup> For full names of railroads see p. 6.



*Known elevators equipped with driers on March 1, 1918—Continued.*

State.	Town.	Firm.	Capacity per 24 hours (bushels).	Railroad.
Illinois.....	Chicago.....	F. H. Mealiff & Son, Michigan Central elevator.	36,000	
		South Chicago Elevator Co., South Chicago elevator.	36,000	
		Norris Grain Co., Belt elevator.....	24,000	
		Bartlett Frazier & Co., New York Central elevator.	24,000	
		Central Elevator Co., Calumet elevator A.	12,000	
		Ellis Drier Co., Rockwell elevator...	12,000	
		E. R. Bacon, Keystone elevator.....	12,000	
		Taylor & Bournique Co., Standard elevator.	12,000	
		Corn Products Refining Co., Argo elevator.	24,000	
		J. J. Badenoch Co., Badenoch elevator.	12,000	
		Mueller & Young Grain Co., Mueller & Young elevator.	12,000	
		Chicago Grain Salvage Co.: Salvage elevator.....	12,000	
		Stock Yards elevator.....	6,000	
		Frank Marshall, Hayford elevator..	12,000	
		Acme Malting Co.....	16,000	
		American Malting Co.....	8,000	
		Columbia Malt Co.....	10,000	
		Advance Malting Co.....	30,000	
		Northwestern Malt Co.....	20,000	
		Calumet Malting Co.....	10,000	
	East St. Louis..	See St. Louis, Mo.		
	Elwin.....	G. S. Counard & Co.....	600	I. C.
	Funks Grove...	Funks Grove Grain Co.....	1,500	C. & A.
	Galesburg.....	Weinberg Bros.....	200	C., B. & Q.
	Gibson City.....	American Grain Co.....	2,500	
	Hoopesten.....	Heaton Farmers' Grain Co.....	1,800	L. E. & W.
	Hudson.....	Hudson Grain & Coal Co.....	2,000	I. C.
	Kasbeer.....	Kasbeer Farmers' Elevator.....	2,400	C., B. & Q.
	Ludlow.....	E. D. Risser & Co.....	1,500	I. C.
	Mason City.....	Farmers Grain & Coal Co.....	2,500	I. C.
	Mattoon.....	J. S. Ashbrook & Co.....	2,000	C., C., C. & St. L.
	Paxton.....	Risser & Rollins.....	2,000	I. C.
		Paxton Seed Co.....	1,000	I. C.
	Pekin.....	See Peoria, Ill.		
	Peoria.....	Turner-Hudnut Co. at Pekin, Ill....	14,400	
		Smith-Hippen & Co. at Pekin, Ill....	6,000	
		Burlington Elevator Co.....	28,800	
		American Milling Co.....	8,000	
	Plainfield.....	Plainfield Grain Co.....	2,500	E., J. & E.
	Saybrook.....	Horner & Outlaw.....	3,500	L. E. & W.
	Sheldon.....	Sheldon Elevator Co.....	2,000	C., C., C. & St. L.
		Bishop Grain Co.....	5,000	C., C., C. & St. L.
		Cleveland Grain Co.....	15,000	C., C., C. & St. L.
	Tabor.....	Tabor Farmers' Elevator Co.....	2,400	P. L.
	Union Hill.....	A. G. Sweet.....	8,000	N. Y. C.
Indiana.....	Anderson.....	Union Grain & Feed Co.....	2,500	P. L.
	Bourbon.....	E. E. Delp Grain Co.....	3,600	P. L.
	Brookston.....	Holstead Bros.....	1,200	C., I. & L.
		Bell & House.....	1,600	C., I. & L.
		Ross, Ross & Barr.....	300	C., I. & L.
	Chalmers.....	Richard Grain Co.....	1,000	C., C., C. & St. L.
	Earl Park.....	Paul Kuhn & Co.....	10,000	I. C.
	Evansville.....	McMillan & Co.....	2,000	P. L.
	Fort Wayne.....	Farmers' Grain Co.....	12,000	C., C., C. & St. L.
	Fowler.....	Cadwick Milling Co.....	400	I. C.
	Grand View.....	William Nading Grain Co.....	2,000	C., C., C. & St. L.
	Greensburg.....	Hamlet Grain Co.....	3,288	P. L.
	Hamlet.....	Kinney Grain Co., Big Four Terminal elevator.	24,000	
	Indianapolis..	Bingham-Hewett-Scholl Co. (two driers).	23,600	
		Cleveland Grain Co.....	14,400	
		National Elevator Co.....	4,800	
	Lawrenceburg..	Squibb-Carter-Squibb Co.....	2,400	C., C., C. & St. L.; B. & O.
	Lowell.....	C. E. Nichols & Co.....	1,000	C., I. & L.
	Middletown.....	J. M. Walker & Son.....	6,000	P. L.
	New Albany.....	McDonald & Co.....	10,000	P. L.
	New Harmony..	Crabb & Felton.....	1,000	I. C.
	Rensselaer.....	Babcock & Hopkins.....	5,000	C., I. & L.
	Terre Haute....	Paul Kuhn & Co.....	25,000	C. & E. I.



*Known elevators equipped with driers, March 1, 1918—Continued.*

State.	Town.	Firm.	Capacity per 24 hours (bushels).	Railroad.
Indiana.....	Union City.....	Pierce Elevator Co.....	1,500	P. L.
		John Parent Co.....	1,200	P. L.
	Winchester.....	Goodrich Bros.....	15,000	C., C., C. & St. L.
		C. C. Croft.....	1,200	C., C., C. & St. L.
	Wolcott.....	Rich Bros.....	800	P. L.
Iowa.....	York (switch)...	Richland Grain Co.....	2,400	C., I. & L.
	Burlington.....	Trans-Mississippi Grain Co., B. & M. elevator.	24,000	C., B. & Q.
	Cedar Rapids...	Quaker Oats Co.....	36,000	C. & N. W.; I. C.; C. R. I. & P.; C. M. & St. P.
	Council Bluffs...	See Omaha, Nebr.....		
	Davenport.....	Davenport Malt & Grain Co.....	5,000	
Kansas.....	Fort Dodge.....	Quaker Oats Co.....	12,000	I. C., M. & St. L.; C. G. W.
	Le Mars.....	Plymouth Milling Co.....	3,500	C. & N. W.
	Missouri Valley.....	Uddike Elevator Co.....	26,000	C. & N. W.
	Sioux City.....	King Elevator Co.....	6,000	
	Story City.....	Farmers' Grain Co.....	1,500	C. & N. W.
	Elwood.....	See St. Joseph, Mo.....		
	Hutchinson.....	Kansas Flour Mills Co.....	7,200	A. T. & S. F.
	Wichita.....	Larabee Milling Co.....	4,800	
		Kansas Milling Co.....	3,000	
		The Henderson Elevator Co. (2 driers).	13,200	L. & N.
Kentucky.....	Louisville.....	H. Verhoeff & Co.....	12,000	
		Callahan & Sons.....	16,800	
		W. A. Thomson & Co.....	15,000	
	Owensboro.....	The Owensboro Grain Co.....	8,000	I. C.; L. & N.
	Paducah.....	Lock Radford Elevator Co.....	4,000	I. C.
Louisiana.....	Richmond.....	J. W. Zarnig Grain & Milling Co.....	2,400	L. & N.
	New Orleans.....	Illinois Central: Elevator C.....	12,000	
		Elevator D.....	48,000	
		Elevator E.....	28,800	
		Chalmette Elevator.....	19,200	
		J. T. Gibbons Grain Co.....	12,000	
		Municipal Elevator.....	48,000	
		Texas & Pacific R. R.; Westwego Elevator.	24,000	
	Baltimore.....	Western Maryland R. R. (3 driers)...	90,000	
		Baltimore & Ohio R. R. (2 driers)...	72,000	
Maryland.....	Portland.....	Grand Trunk Elevator.....	18,400	G. T.
Maine.....	Boston.....	Grand Junction Elevator.....	36,000	
Massachusetts..		Hoosac Elevator.....	24,000	
		Mystic Elevator.....	12,000	
Michigan.....	Fall River.....	McKenzie & Winslow.....	2,400	N. Y., N. H. & H.
	Detroit.....	Union Elevator Co.....	24,000	
		Caughey Jossman Co.....	19,200	
	Bay City.....	The Cass City Grain Co. (bean drier)...	400	M. C.; G. T.
	Charlotte.....	The Belding Co.....	24,000	M. C.; G. T.
Minnesota.....	Eaton Rapids...	Crane & Crane (bean drier).....	432	M. C.
	Edwardsburg...	Carpenter Grain Co.....	3,000	G. T.
	Grand Lodge...	W. L. Irelands (bean drier).....		P. L.
	Ithaca.....	Ithaca Gleaner Farmers' Elevator Co	2,400	A. A.
	Duluth.....	A. D. Thomson & Co., Great Nor- thern Elevator.	80,000	
		Consolidated Elevator Co.....	10,000	
		Globe Elevator Co. (2 driers).....	11,500	
	Marshall.....	Marshall Milling Co.....	7,200	G. N.; C. & N. W.
	Minneapolis...	Bartlett Frazier Co., Soo Terminal Elevator.	24,000	
		Brooks Elevator Co., Martin Eleva- tor.	4,000	
		Cargill Elevator Co., Elevator T.....	10,000	
		Concrete Elevator Co.....	1,000	
		Electric Steel Elevator Co.....	10,000	
		Gee Grain Co.....	4,000	
		Hales & Edwards Co., Great West- ern Elevator.	20,000	
		Minneapolis Malt & Grain Co.....	16,000	
		North Star Malt Co.....	7,000	
		Nye, Jenks & Co., Calumet Elevator.	20,000	
		Pioneer Malt Co.....	10,000	
		Quinn Shepherdson Co., Elevator D.	24,000	
		Sheffield Elevator Co., Elevator K...	3,000	
		Twin City Trading Co., Twin City A. & C.	15,000	
		Victoria Elevator Co., Elevator R...	10,000	
		Washburn Crosby Co.....	7,000	
	New Ulm.....	New Ulm Roller Mills.....	1,800	C. & N. W.
	Worthington....	St. John Grain Co.....	2,400	C. St. P. M. & O.



*Known elevators equipped with driers on March 1, 1918—Continued.*

State.	Town.	Firm.	Capacity per 24 hours (bushels).	Railroad.
Missouri.....	Charleston.....	Charleston Milling Co.....	10,000	St. L. & S. F.
	Kansas City.....	Simmonds-Shields-Lonsdale Grain Co.:		
		Milwaukee Elevator.....	10,000	
		C. G. W. Elevator.....	15,000	
		Frisco Elevator Co.:		
		Frisco Elevator.....	10,000	
		Memphis Elevator.....	10,000	
		Kaw Grain & Elevator Co.....	20,000	
		Armour Grain Co.....	40,000	
		Hall, Baker Grain Co.....	12,000	
		Aylsworth Grain Co.....	20,000	
	Rock Island.....	Terminal Elevator.....	8,000	
		Nelson Grain Co.....	5,000	
	Oran.....	Scott County Milling Co.....	19,200	
	St. Joseph.....	Burlington Public Elevator Co.....	2,500	
		St. Joseph Public Elevator Co.....	5,000	
		Elwood Grain Co. (Elwood, Kans.)	5,000	
	St. Louis.....	Burlington Elevator & Grain Co.....	24,000	
		Purina Mills Co.....	8,400	
		Rogers Elevator.....	9,600	
		Golden Grain Milling Co. (at East St. Louis).	9,600	
Nebraska.....	Sikeston.....	Scott County Milling Co.....	18,000	St. L. & S. F.
	Omaha.....	Trans - Mississippi Grain Co. (at Council Bluffs).	16,800	
		Omaha Elevator Co. (at Council Bluffs).	24,000	
		Holmquist Elevator Co.....	12,000	
		Omaha Alfalfa Milling Co.....	7,200	
		C. Herbert Cay Seed Co.....	2,000	
New Jersey....	Valley.....	See New York.		U. P.
	Jersey City.....	Do.		
New York.....	Weehawken.....	Do.		Erie.
	Buffalo.....	Iron Elevator.....	36,000	
		P. R. R. Co., Erie Transfer A. & B..	12,000	
		Concrete Elevator.....	32,400	
		Buffalo Cereal Co.....	3,000	
		Buffalo Creek Transfer Elevator.....	48,000	
	Jamestown.....	Jamestown Electric Mills.....	3,000	
	New York.....	Lehigh Valley Elevator.....	24,000	
		West Shore Elevator.....	26,400	
		International Loading Elevator.....	12,000	
Ohio.....		Erie Elevator (afloat).....	21,600	Erie; B. & O.; P. L.
	Akron.....	Quaker Oats Co.....	14,400	
	Ashtabula.....	Horton Milling Co.....	2,400	
	Bellevue.....	J. Buckingham.....	2,700	C., C., C. & St. L.
	Bellefontaine...	The Colton Bros. Co.....	3,000	
	Bloomingsburg...	The Lloyd Grain & Milling Co.....	1,000	
	Bowling Green...	Royce & Coon Grain Co.....	1,500	Do.
	Bryan.....	R. P. Lipe Co.....	5,000	
	Celina.....	Palmer-Miller Grain Co.....	3,000	
	Cincinnati.....	Cleveland Grain Co., Elevator E.....	19,200	N. Y. C. & St. L.
		Early & Daniel Co.....	12,000	
		Stafford Elevator.....	12,000	
		Perrin Bros. Mill.....	3,000	L. E. & W.
		Cincinnati Grain & Hay Co.....	2,400	
	Circleville.....	Circleville Milling Co.....	10,000	
	Cleveland.....	Cleveland Grain Co.....	2,400	P. L.; N. & W.
		Union Elevator Co.....	2,400	
	Columbus.....	Gwinn Milling Co.....	10,000	
	Deshler.....	Deshler Farmers' Elevator Co.....	3,000	N. & W.
	Elmore.....	Farmers' Elevator Co.....	1,500	
	Fremont.....	I. T. Fangboner.....	4,000	
	Fostoria.....	Fostoria Storage & Transfer Co.....	8,000	B. & O.
		Mennel Milling Co.....	1,920	
		Farmers' Equity Exchange.....	2,000	
	Genoa.....	Power Elevator Co.....	800	N. Y. C. & St. L.
	Haskins.....	Farmers' Elevator Co.....	2,000	
	Jewell.....	Jewell Grain Co.....	800	
	Lucasville.....	Grimes-Stritmatter Grain Co.....	24,000	Wabash.
	Mount Vernon...	Northwestern Elevator & Mill Co.....	1,000	
	Milton Center...	Milton Center Grain & Supply Co.....	1,500	
	McClure.....	McClure Elevator Co.....	2,000	Do.
	Monroeville.....	Horn Bros.....	4,000	
	Mansfield.....	Mansfield Grain Co.....	9,000	
	Norwalk.....	Pressing Canning Co. (sweet corn)...	170	T., St. L. & W.
	Orient.....	The Orient Grain Co.....	3,600	
	Perrysburg.....	Farmers' Elevator Co.....	2,000	
	Piqua.....	Piqua Milling Co.....	2,000	B. & O.
		Piqua Malt Co.....	2,000	
				Do.
				Do.
				P. L.



*Known elevators equipped with driers on March 1, 1918—Continued.*

State.	Town.	Firm.	Capacity per 24 hours (bushels).	Railroad.	
Ohio.....	Pleasant Hill....	Myers & Patty Co.....	2,000	D., T. & C.	
	Portsmouth.....	P. H. Harsha.....	12,000	N. & W.	
	Sandusky.....	Rosenbaum Bros., B. & O. Elevator.	15,000	B. & O.	
	Swanton.....	Swanton Grain Co.....	2,500	N. Y. C.	
	Toledo.....	Toledo Grain & Milling Co. (2 driers).	5,000		
		Central Grain & Milling Co.....	5,000		
		National Milling Co.....	2,000		
		East Side Iron Elevator Co.....	5,000		
		C., H. & D. Elevator.....	15,000		
		Lake Erie Milling Co.....	5,000		
		Warren.....	Wadsworth Feed Co.....	1,800	B. & O.
		Washington C.H.	C. E. Lloyd.....	1,500	P. L.
			Fayette Grain Co.....	2,000	B. & O.
		Pennsylvania..	Philadelphia....	Girard Point Storage Co. (export)...	36,000
Port Richmond Elevator (export)...	48,000				
Keystone Elevator & Warehouse Co.	24,000				
Shane Bros. & Wilson Co., Mil- bourne Mills.	7,200				
Pittsburgh.....	Exchange Elevator Co.....			7,200	P. L.
	Central Elevator Co.....			1,920	Do.
Rhode Island..	Providence.....	Narragansett Mill Co.....	2,500	N. Y., N. H. & H.	
	Westerly.....	C. W. Campbell.....	2,400	Do.	
South Dakota..	Letcher.....	Farmers' Elevator Co.....	1,200	C., M. & St. P.	
Tennessee.....	Memphis.....	Davis & Andrews Grain Co.....	4,800		
		John Wade & Son.....	9,600		
		Hermitage Elevator Co.....	14,400		
		Nashville.....	Nashville Warehouse & Elevator Co.	9,600	
Texas.....	Union City.....	Dahnke-Walker Milling Co.....	1,200		
	Galveston.....	Galveston Wharf Co., Elevator B...	28,800		
		New Sunset Elevator Co.....	24,000		
Vermont.....	Brattleboro....	E. Crosby & Co.....	3,000	C. V.; B. & M.	
Wisconsin.....	Manitowoc.....	Wm. Rohr Sons Co.....	10,000		
	Milwaukee.....	Smith-Parry & Co.....	9,600		
		C., M. & St. P. Ry. Co., Elevator A.	36,000		
		Donahue & Shatton Co., Elevator E.	36,000		
		Rialto Elevator Co.....	24,000		
	Updike Elevator.....	15,000			
Total.....			3,345,330		



## NAMES OF RAILROADS.

<i>Abbreviations.</i>	<i>Titles.</i>
A., T. & S. F.....	Atchison, Topeka and Santa Fe Railway Co.
A. A.....	Ann Arbor Railroad Co.
B. & O.....	Baltimore & Ohio Railroad Co.
B. & M.....	Boston & Maine Railroad Co.
C. & A.....	Chicago & Alton Railroad Co.
C., B. & Q.....	Chicago, Burlington & Quincy Railroad Co.
C., C., C. & St. L.....	Cleveland, Cincinnati, Chicago & St. Louis Ry. Co.
C. & E. I.....	Chicago & Eastern Illinois Railroad Co.
C. G. W.....	Chicago Great Western Railroad Co.
C., I. & L.....	Chicago, Indianapolis & Louisville Railway Co.
C., M. & St. P.....	Chicago, Milwaukee & St. Paul Railway Co.
C. & N. W.....	Chicago and North Western Railway Co.
C., I. & L.....	Chicago, Indianapolis & Louisville Ry. Co.
C., R. I. & P.....	Chicago, Rock Island & Pacific Railway Co.
C., St. P., M. & O.....	Chicago, St. Paul, Minneapolis & Omaha Ry. Co.
C. V.....	Central Vermont Railroad Co.
D., T. & C.....	Dayton, Toledo & Chicago Railway Co.
Erie.....	Erie Railroad Co.
E., J. & E.....	Elgin, & Joliet Eastern Railway Co.
G. T.....	Grand Trunk Railway System.
I. C.....	Illinois Central Railroad Co.
L. E. & W.....	Lake Erie & Western Railroad Co.
L. & N.....	Louisville & Nashville Railroad Co.
M. & St. L.....	Minneapolis & St. Louis Railroad Co.
M. C.....	Michigan Central Railroad Co.
Mo. Pac.....	Missouri Pacific Railway Co.
N. & W.....	Norfolk & Western Railway Co.
N. Y. C.....	New York Central Railroad Co.
N. Y., C. & St. L.....	New York, Chicago & St. Louis Railroad Co.
N. Y., N. H. & H.....	New York, New Haven & Hartford Railroad Co.
P. L.....	Pennsylvania Lines West of Pittsburgh.
P. M.....	Pere Marquette Railroad Co.
St. J. & G. I.....	St. Joseph & Grand Island Railway Co.
St. L. & S. F.....	St. Louis & San Francisco Railway Co.
T., St. L. & W.....	Toledo, St. Louis & Western Railroad Co.
U. P.....	Union Pacific Railroad Company.
Wabash.....	Wabash Railway Company.
W. & L. E.....	Wheeling & Lake Erie Railroad Co.